




## MEMORANDUM

TO: Harco Property Site File

FROM: Paul F. Killian, Roy F. Weston, Inc., Technical Assistance Team (TAT) 

RE: Site Visit - March 30, 1992 through April 1, 1992  
Harco Property Site, Wilton, Connecticut  
TDD #01-9201-01C, PCS #1763

DATE: April 10, 1992

The purpose of this site visit was to determine the extent of contamination at the Harco Property site in Wilton, Connecticut. The work to be performed was outlined in a Draft January 1992 Sampling Plan for Harco Property (Document Number 01-N-00991) Revised March 1992. On-Scene Coordinator (OSC) Paul Groulx and TAT members Edward Coffee, Timothy Jones, Paul Killian, and George Stevens were present on site and performed the following activities:

March 30, 1992, Cloudy, Occasional Showers, 40°F

- The baselines for gridding out the site were drawn using surveying equipment. Permanent benchmarks were established for future relocation.

March 31, 1992, Partly Cloudy, 45°F

- The site was layed out with 50-foot grid marks using a tape measure and a compass.
- The site was screened at each grid point using the Geonics LTD EM-31 Non-Contacting Terrain Conductivity Meter and the EG+G Proton Precession G-856 Magnetometer.
- The surface soil was screened at each grid point using the Outokumpu X-MET 880 X-Ray Fluorescence (XRF) Analyzer (X-MET) for lead and zinc concentrations.
- The HNU Systems, Inc. SEFA-P X-Ray Fluorescence Analyzer (SEFA-P) was set up in the van. Due to instrumentation problems, no calibration could be established; therefore, the instrument was not used.
- A sign-in sheet was maintained for all personnel entering the site.





March 31, 1992 (Cont.)

- One drinking water sample, to be analyzed for metals, was collected from the residence of Ann Caggino, 33 Honey Hill Trail, Wilton, CT, preserved with nitric acid and stored on ice.

April 1, 1992, Sunny, 50°F

- A small hand auger was used to determine subsurface conditions at each of the 50-foot by 50-foot grid squares. A composite of the subsurface sample was made at each of the 28 grid squares and placed in individual plastic bags. The sample was then screened for lead and zinc concentrations using the X-MET, and saved for future analysis using the SEFA-P. Additionally, a rinsate blank, to be analyzed for metals, was collected from the sampling equipment, preserved with nitric acid and stored on ice.

- A bucket auger was used to collect subsurface samples at five locations. A composite of the subsurface sample was made at each of these five locations. For three of these locations the sample was split into the following three fractions:
  - Fraction I was collected in a plastic bag and screened for lead and zinc concentrations using the X-MET, and saved for future analysis using the SEFA-P.
  - Fraction II was collected in a 4-oz jar for metal analysis using Inductively Coupled Plasma (ICP) instrumentation at the U.S. New England Regional Laboratory (NERL). The samples were stored on ice.
  - Fraction III was collected in a 16-oz jar for Toxicity Characteristic Leachate Procedure (TCLP) analysis at Laboratory Resources, Inc., in Brooklyn, CT. (The analysis to be performed under TDD #01-9203-L2, PCS #0315.) The samples were stored on ice.

For two of these locations the sample was split into the following two fractions:

- Fraction I was collected in a plastic bag and screened for lead and zinc concentrations using the X-MET, and saved for future analysis using the SEFA-P.
- Fraction II was collected in a 4-oz jar for metal analysis using ICP instrumentation at the U.S. New England Regional Laboratory (NERL). The samples were stored on ice.

Additionally, a rinsate blank, to be analyzed for metals, was collected from the sampling equipment, preserved with nitric acid and stored on ice.

- Breakout water samples, to be analyzed for metals, were collected from the following locations:
  - Behind the house of Paul Harco, at the base of the rockface.
  - At the access road, 50 feet below the chain.Both samples were preserved with nitric acid and stored on ice.



April 1, 1992 (Cont.)

- Drinking water samples, to be analyzed for metals, were collected from the following residences:
  - Ron Kelley, 204 Mathers Street, Wilton, CT.
  - Paul Harco, 44 Old Mill Road, Wilton, CT.
  - George Machala, 84 Old Mill Road, Wilton, CT.
  - George McGarry, 34 Old Mill Road, Wilton, CT.All samples were preserved with nitric acid and stored on ice.
- Surface water samples, to be analyzed for metals, were collected from the following locations:
  - Unnamed stream that flows off site.
  - Surface water adjacent to station 3+50, 50N.
  - Unnamed pond in proximity to George Machala's residence.
  - Unnamed pond adjacent to station 2+00, 150N.
  - Surface water adjacent to Ron Kelley's residence. (*cistern behind house*)All samples were preserved with nitric acid and stored on ice.
- No split samples were collected at the request of Mr. Costa Stergue, the property owner.
- Photographs of the site were taken.
- Sample documentation included chain-of-custody forms, sample tags, and custody seals.

April 2, 1992

- The five drinking water samples, the five surface water samples, the two breakout water samples, the two rinsate blanks, and the five soil samples collected in 4-oz jars were delivered to NERL and relinquished to William Andrade. Mr Andrade assigned the samples Laboratory Project Number 92109.
- The three TCLP samples were shipped via Federal Express to Laboratory Resources, Inc. in Brooklyn, CT.

PFK/pfk  
1763-VIS.MEM (152)  
M0024

# SITE ENTRY AND EXIT LOG

Tuesday:

Work Site				Date 3/31/92		
TIME		PERSONNEL	REPRESENTING	TIME		EQUIPMENT
In	Out			In	Out	
0730	1700	Paul F Kihlman	Roy F Weston - TAT			
0730	1700	Tim Jones	Weston - TAT			
0730	1700	Ed Coffee	Weston - TAT			
0730	1200	George Stevens	Weston - TAT			
0730	1700	Paul Groux	US EPA			
1020	1200	Alyson Eisenbach	Town of Wilton			
1020	1200	William Wiley	Town of Wilton			
1030	1400	T R Boffi	DEP. SRCD			
1030	1400	Michael M. Daniel	DEP/SRCD			
1030	1400	Melissa Blais	DEP/SRCD			
1159	1500	ROYAL J. NADEAU	US EPA ERT			
1159	1500	Gayle Buchanan	Weston - REAC			
1230	1600	Robert Sturges	Owner			
1230	1600	Thomas King	Owner/Developer			

Comments